

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSIONRECEIVED
AUG 28 2003

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

X-12024

T03-0041

Illinois Commerce Commission
RAIL SAFETY SECTION

Date: August 27, 2003

To the ILLINOIS COMMERCE COMMISSION:

The petitioner Norfolk Southern Railway Company shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are to:

Modification of Grade Crossing Warning Devices requested by Illinois Commerce Commissionat: Third North Street in Mt. Olive, Macoupin County, Illinois, DOT: 480 074P, MP. D-445.51File No. 061-04.436Project No. 04.0391

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.

Norfolk Southern Railway Company

By

R. H. Ray, Administrator
Highway Grade CrossingsThomas W. Ambler
(Attorney for Petitioner)Norfolk Southern Corporation
Three Commercial Place
Norfolk, VA 23510-2191

(Attorney's Address)

DOCKETED

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Illinois Administrative Code 1535.400(d).

1. Name of Railroad Company Norfolk Southern Railway Company
2. Crossing Number 480 074P
3. Village or City Mt. Olive
4. Name of Street or Highway Third North Street
5. Public Agency Maintaining Highway City
6. Protection now established:
Automatic Flashing Light Crossing Signal with Bell.
7. Protection desired:
Modify grade crossing warning devices to Flashing Light Crossing Signals with Gates and Bell
Controlled by Constant Warning Time Detection Equipment.
8. Number of main tracks One Other tracks None
9. Number of passenger movements:
6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
10. Number of freight train movements:
6 a.m. to 6 p.m. Seven 6 p.m. to 6 a.m. Nine
11. Approximate number of switch movements:
6 a.m. to 6 p.m. One 6 p.m. to 6 a.m. One
12. Maximum speed of trains at crossing on each track in each direction:
North/East 60 M.P.H.
South/West 60 M.P.H.
13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

100 AADT

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

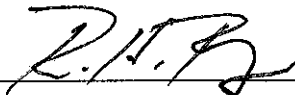
- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (side lights, cantilevers, etc., if any).
- (e) Show the length of each operating track section within the control limits of the crossing protection and its function.

ADDITIONAL INFORMATION


Drawing attached for question no. 16

VERIFICATION

I, R. H. Ray, first being duly sworn upon oath depose and say that I am
Administrator – Highway Grade Crossings, of Norfolk Southern Railway Company, a
Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the
contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon
information and belief, and as to those, I believe same to be true.


Administrator - Highway Grade Crossings

Subscribed and sworn to before me this 27
day of August 20 03.


Notary Public (Georgia) or Witness

My Commission Expires: _____

Detailed Estimate for Grade Crossing Warning Devices

City/State: MT. OLIVE, IL
MilePost: D-444.51
State Proj. No.:
S&E Proj. No.: 04.0391
Man Days: 76

Road: THIRD NORTH ST.
DOT/AAR: 480074P
County: MACOUPIN
AFE: F01621
File Number: 061-04.436

*****Purchases - Other*****

Meals and Lodging:	\$6,290.00	
Rental of Equipment:	\$13,760.00	
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 19 Days)		
Construction Supervision Vehicle:	\$260.00	
Contingencies:	\$570.00	
Purchases - Other Total:		\$20,880.00

***** Material and Additives*****

Material Cost:	\$62,950.00	
Sales and Use Tax:	\$3,150.00	
Material Handling .Freight:	\$5,980.00	
Material Total:		\$72,080.00

*****Labor and Additives*****

Labor Cost:	\$16,190.00	
(4 man crew at \$852.00 a day for: 19 days)		
Payroll Tax & Overheads:	\$14,020.00	
Preliminary Engineering:	\$6,960.00	
Construction Supervision:	\$4,570.00	
Labor Total:		\$41,740.00
Subtotal:		\$134,700.00
Credit:		\$0.00
(Salvage/Scrap)		
Project Total:		\$134,700.00

Estimated on: 15-Aug-03

Estimated by: ndr3j

Estimate valid for 1 year from date of estimate



Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	MT. OLIVE
Road:	THIRD NORTH ST.
Milepost:	D-444.51
Drawing Number:	BKDS44451
State Project Number:	
County:	MACOUPIN
A A R Number:	480074P
Project Number:	04.0391
File Number:	061-04.436
A F E Number:	F01621
Store Number:	06829
Supervisor:	L.W. HIMSTEDT
Tax Code:	1200
Vendor to supply the following copies after pricing: 1 Set - Material Management with original invoice 2 Sets - with plans shipped in car with material 1 Set - S&E Gen. Supt. Construction w/ copy of invoice	

15-Aug-03

Location: MT. OLIVE		IL	S&E Proj. No.: 04.0391		AFE No.: F01621		Drawing No.: BKDS44451		Page 1/ 5		
Store No.: 06829		P.O. Number:			Date Required:		Date Shipped:		Vendor : SW Signal Engineering Company		
Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed		Quantity Returned (Credit)	Special Instructions	
							Date Quan.	Date Quan.			
3	670-360693-4	EA	\$4.82	\$14.46	AAR/DOT NUMBER PLATE/DECAL,ORDER 3 PER PROJECT. 60 DAY LEAD TIME. SUPPLIED BY S'TRAN						
2	670-001321-4	EA	\$246.66	\$493.32	ARM, GATE FIBERGLASS-ALUMINUM 17-24 FT., L&W OR US&S OR SAFETRAN 076600-240017 OR						
2	670-119241-4	EA	\$30.60	\$61.20	ARRESTOR, LIGHTNING HEAVY DUTY CLEAR VIEW SAFETRAN 022585-1X						
13	105-871901-4	EA	\$154.22	\$2,004.81	BATTERY,GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS						
1	670-503047-4	EA	\$185.75	\$185.75	BELL, CROSSING ELECTRONIC GENERL SIGNAL, EB-3-360-5 CR 02-044350						
2	670-980689-4	EA	\$63.71	\$127.41	BRACKET HIGH WIND, (RIGID 3'), WIG- 191036, WALRUS TUSK TYPE						
2	670-561375-4	EA	\$1,201.20	\$2,402.40	BRACKET, GATE SAVER, NEG385102GS, SPRING LOADED SWING AWAY ADAPTER FOR FIBERGLASS/ALUMINUM GATES, USE WITH GATE 28' AND LESS						
300	465-292862-4	LF	\$1.00	\$300.87	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR						
300	465-292929-4	LF	\$3.00	\$899.58	CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL						
300	465-939422-4	LF	\$2.56	\$767.55	CABLE, UG 12 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL						
200	465-791835-4	FT	\$1.96	\$391.60	CABLE, UG AC ENTRANCE 3C#6-7X OKONITE FMPP-L 094-078 TR W/G 1 X 8 7X W010 BRZ TAPE 600V PRODUCT CODE 206-11-6070						
80	165-544477-4	FT	\$2.00	\$159.65	CONDUIT, 4"x10" PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4						
2	670-090450-4	EA	\$49.62	\$99.25	CONNECTOR,WELDED FAR RAIL HARMON A1000-2W						
2	670-486646-4	EA	\$40.66	\$81.32	CONNECTOR,WELDED NEAR RAIL HARMON A1000-1W						
APPROVED BY STATE					APPROVED BY RAILROAD					SEAL NUMBER	

Location: MT. OLIVE		IL	S&E Proj. No.: 04.0391		AFE No.: F01621		Drawing No.: BKDS44451		Page 2/		
Store No.: 06829		P.O. Number:			Date Required:		Date Shipped:		Vendor: SW Signal Engineering Company		
Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed		Quantity Returned (Credit)	Special Instructions	
							Date Quan.	Date Quan.			
2	670-793404-4	EA	\$838.38	\$1,676.76	COUNTERWEIGHT PKAGE, 17-24"GATE S'TRAN S-MECH ONLY, STAINLESS, TO INCLUDE HUB, SUPPORT ARMS						
4	670-760012-4	EA	\$34.90	\$139.59	COVER, FOR 1 WAY FLASHING LIGHT ASSY. 18 OZ. BLACK VINYL COATED NYLON. ===TO COVER 2 LAMPS===						
3	670-080337-4	EA	\$0.73	\$2.18	DECAL, X'ING SIGNAL MAFUNCTION 11" X 4", GATE MOUNT						
3	670-077544-4	EA	\$0.54	\$1.63	DECAL, X'ING SIGNAL MAFUNCTION 6" X 6", MAST MOUNT						
1	670-986650-4	EA	\$361.26	\$361.26	DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING X'ING EQUIPMENT CONTAINER						
1	670-000004-4	EA	\$281.44	\$281.44	FCC LICENSE FOR MONITOR/RADIO						
4	670-000003-4	EA	\$255.85	\$1,023.40	FILL/STONE #57, QUANTITY IS BASED ON TRUCK LOAD PLUS DELIVERY COST						
2	670-015231-4	EA	\$381.69	\$763.37	FOUNDATION,DIXIE,S-2 GATE 5'6" ASSEMBLED						
1	670-927262-4	EA	\$39.86	\$39.86	INDUCTOR, SIMULATED TRACK SAFETRAN 8V617-1200						
1	670-477991-4	EA	\$292.81	\$292.81	KIT, GROUNDING ASSY FOR AL I/S INCLUDES 8 GRD RDS,200#4WIRE,12 4 WIRE ONE-SHOTS. ERICO SBK206						
1	670-123298-4	EA	\$256.93	\$256.93	KIT, HARDWARE SUPPLIES REQUIRED X'ING P'CKAGES. WEB CONNECTORS FOR SHUNT(8EA) TAPE, AMPS,P'GUM PAINT,SLEEVES,TAGS,GLUE, 100 EA WHITE TAGS, JNE CAN BLUE MARKING PAINT ETC...						
1	670-745798-4	EA	\$490.26	\$490.26	LAMP ASSY, 4" GRD. MAST MTG. 1W IND. 20" BKGRD, FLX-12 W/BULB S'TRAN #042003-484XNS						
2	670-764166-4	EA	\$907.09	\$1,814.18	LAMP ASSY, 5" MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB S'TRAN #042003-487XNS						
6	165-643547-4	EA	\$8.43	\$50.60	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/ISC CLEAR RWY SIGNAL UJ-71463 GE						
APPROVED BY STATE					APPROVED BY RAILROAD					CAR NUMBER	SEAL NUMBER

Location: MT. OLIVE IL S&E Proj. No.: 04.0391 AFE No.: F01621 Drawing No.: BKDS44451 Vendor: SW Signal Engineering Company
 Store No.: 06829 P.O. Number: Date Required: Date Shipped:

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date Quan.	Quantity Returned (Credit) Date Quan.	Special Instructions
4	670-440826-4	EA	\$1.01	\$4.05	LINK, SAFETRAN 024620-1X INSL TESTING COMP. 1 IN CENTER SIGNAL CIRCUITS CR 02-286662				
4	255-590880-4	EA	\$15.62	\$62.47	LOCK, AMERICAN LOCK MODEL H-10KA KEYS ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG"				
1	610-156588-4	EA	\$1,084.13	\$1,084.13	MAST, 5" ALUMINUM (0&0) FOR LIGHT UNIT AND BRACKET WITH DBL. JCT. BOX BASE #070519-203X-2				
1	670-637778-4	EA	\$1,055.55	\$1,055.55	MAST, 5" ALUMINUM 13'10" WITH DOUBLE JCT. BOX BASE. S'TRAN P# 070519-11AX.				
1	670-000985-4	EA	\$182.36	\$182.36	MAST, SIDELIGHT BRACKET F/5"MT. HARMON @225834-XXX, SAFETRAN 041442-26X.				
2	670-521147-4	EA	\$2,932.81	\$5,865.62	MECHANISM, GATE MODEL S40, WITH CONTACT HEATER, COMPLETE W/RELAY S'TRAN # 074000-W00090				
4	670-001347-4	EA	\$57.98	\$231.90	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR				
1	255-646807-4	EA	\$9.49	\$9.49	PADLOCK, SAFETRAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX				
1	670-514605-4	EA	\$8.43	\$8.43	PINNACLE, W-C SECT 1-11, 4" & 5" REF K1 110-8 OR SAFETRAN NO. @035045-503X				
1	670-555609-4	EA	\$41.11	\$41.11	PLUGBOARD, TYPE B-1 GRS A62-506 OR HARMON @7062-506 OR				
1	165-902002-4	EA	\$308.00	\$308.00	PROTECTOR, SURGE 120/240VAC, ERICO P/N EPD120/240TDFL				
5	465-002899-4	EA	\$20.88	\$104.39	REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES				
1	670-742096-4	EA	\$38.50	\$38.50	RELAY INTERFACE PROBE, ULTRATECH PN 16031-00				
1	670-456936-4	EA	\$150.00	\$150.00	RELAY RACK, SWING, FARADAY SELTER FOR ONE RELAY, SSFETRAN P/N T15331				

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CAR NUMBER

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Store No.: 06829 P.O. Number: Date Required: Date Shipped: Vendor: SW Signal Engineering Company

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed		Quantity Returned (Credit)	Special Instructions
							Date	Quan.	Date	Quan.
1	670-707995-4	EA	\$356.29	\$356.29	RELAY, TYPE B1, NEV LINE, 900 OHMS, .008 AMPERES GRS A62-308 OR SAFETRAN @400003					
1	670-391911-4	EA	\$5,329.57	\$5,329.57	SEARII AUTOMATED INSPECTOR SYSTEM KIT, w/ 1- ILOD, 1-BSX, 2-GTS, 2-MTSS, 1-GFT, 1-VHFC, 2- RECORDER INTERFACE MODULE, 1- ECHELON CONNECTOR					
1	670-066502-4	EA	\$7,006.00	\$7,006.00	SHELTER, W/FARADAY, W/GENERATOR CONNECTION, BARE 6X6 ALUMINUM, SAFETRAN P/N 058400-66-78B, W/ADJ. PIERS					
2	670-586967-4	EA	\$34.74	\$69.49	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT					
2	670-652773-4	EA	\$470.56	\$941.12	SHUNT, MULTI-FREQ. #62775-1543 SAFETRAN NARROW BAND					
2	670-806648-4	EA	\$56.42	\$112.84	SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546					
2	670-751511-4	EA	\$35.58	\$71.17	SIGN, "1" TRACK, LESS HARDWARE SAFETRAN# 035207-1X					
2	670-006438-4	EA	\$10.54	\$21.08	TAPE, 4" X 96" REFLECTIVE APPLY TO BACK OF X-BUCK SIGN, ONLY IN IA., IN., IL., AL. 035200-555X					
1	670-330382-4	RL	\$10.75	\$10.75	TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING"					
5	670-478560-4	EA	\$19.47	\$97.35	TERMINAL BLOCK, ERICO 4 POST P/N B2700A2C1WH W/HARDWARE LESS LIGHTNING ARRESTOR					
1	165-917984-4	EA	\$4.22	\$4.22	TERMINAL, TEST, TYPE B GRS A62-515 OR HARMON @32118-001 OR					
1	610-065626-4	EA	\$16.66	\$16.67	ULTRA-TECH 15206-01 CONNECTIVITY BLOCK FOR GRS B1 RELAY					
1	670-007238-4	EA	\$137.14	\$137.14	UNIT, THE INSTALLATION AND WIRING OF A DEVICE WHICH REQUIRE A MINIMUM OF FOUR WIRE CONNECT-					

Location: MT. OLIVE		IL	S&E Proj. No.: 04.0391		AFE No.: F01621		Drawing No.: BKDS44451		Vendor: SW Signal Engineering Company			
Store No.: 06829		P.O. Number:		Date Required:		Date Shipped:						
Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Date Quan.	Date Quan.	Quantity Returned (Credit)	Special Instructions		
1	670-403183-4	EA	\$24,436.00	\$24,436.00	WIRED RACK, 6X6 FARADAY, COMPLETE/GCP3000D2 SINGLE TRK, 20 AMP SSCCIII, 2 ISL MOD, 1 SAFTRAN CHARGER, 1 CRAGG CHARGER 2 RELAY RACKS, SAFTRAN P/N T15383, USE WITH I/S 670-786834-4							
1	450-986008-4	EA	\$7.35	\$7.35	WRENCH, TEST POST TYPE B DWG 55393-3, GR.1							
Total Material						\$62,946.43						

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APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER